



Express Mail No. No. ED093063544US

THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE:

APPLICATION OF : David E. Patterson & Richard D. Cramer  
TITLE : A METHOD FOR SELECTING AN OPTIMALLY  
DIVERSE LIBRARY OF SMALL MOLECULES  
BASED ON VALIDATED MOLECULAR  
STRUCTURAL DESCRIPTORS  
FILING DATE : May 25, 2001  
SERIAL NUMBER : 09/866,495  
ART UNIT : 1631  
EXAMINER : Mary K. Zeman  
ATTORNEY DOCKET NO. 3017-55  
CUSTOMER NO. : 22448

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TO: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**RESPONSE TO OFFICE ACTION DATED APRIL 25, 2005**

Applicants hereby respond to the office action dated April 25, 2005. This response is being timely filed on October 25, 2005 along with a petition for extension of time and the required fee.

**AMENDMENT**

Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims that begins on page 2.

Remarks/Arguments begin on page 26.